

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/006967 A1

(51) International Patent Classification⁷: **A61B 1/313**

(21) International Application Number:
PCT/KR2004/001849

(22) International Filing Date: 23 July 2004 (23.07.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0050586 23 July 2003 (23.07.2003) KR

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

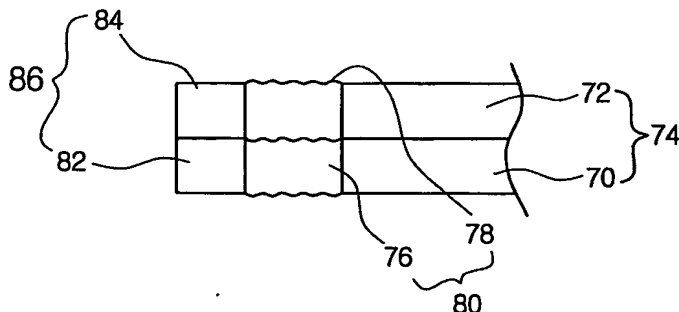
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A LAPROSCOPE WITH FLEXIBLE BINOCULAR CAMERA



(57) Abstract: Disclosed herein is a stereoscopic
laparoscope apparatus comprising a laparoscope,
a computer adapted to convert and store image
information of the patient's affected part from
the laparoscope, and a monitor used to output the
image information. The laparoscope comprises a
supporting unit including a manipulator, and a pair
of parallel left and right supporting rods, a flexible
tube unit including a pair of left and right flexible
tubes, which are adapted to be spaced apart from
each other within a predetermined angular range,
and a binocular camera assembly including a pair
of left and right cameras installed at the tip end of
the flexible tube unit so that they take images of the

affected part in the abdominal cavity under operation of the manipulator. With such a configuration, the image information of the
patient's affected part can be processed into stereoscopic photographs, resulting in precise diagnosis and laparoscopic surgery.

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